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### Tarter honored with DOE Gold Award

By Lynda Seaver

NEWSLINE STAFF WRITER

Director Emeritus Bruce Tarter was awarded the Department of Energy's Gold Award, its highest honorary award, during a special ceremony Monday at the Woodrow Wilson Center for Scholars in Washington D.C.

Energy Secretary Spencer Abraham presented the award to Tarter, as well as additional Gold Awards to former Lawrence Berkeley National Laboratory Director Charles Shank and six other former or current DOE laboratory directors.

The award, consisting of a plaque with citation, a medallion and rosette, is in recognition of Tarter's "achievements and services" and "outstanding leadership."

"I feel honored to receive this kind of recognition," Tarter said. "To be included among such a distinctive group is quite an honor."

Tarter's award is given in recognition of "outstanding contributions to the Department of Energy" while serving as director of the Laboratory from 1994 through 2002.

Under Tarter's leadership, the



**Bruce Tarter** 

citation reads, "the Lab demonstrated extraordinary achievement in its mission

See TARTER, page 4

### Teller Fellowships awarded to three Laboratory scientists for future self-directed work

By Anne M. Stark

NEWSLINE STAFF WRITER

Three Lab scientists were presented last week with the fifth annual Edward Teller Fellowship awards during an informal ceremony in Bldg. 111.

The new fellows are John Lindl and Doug Wright of the Physics and Advanced Technologies Directorate and Allen Christian of the Biology and Biotechnology Research Program Directorate.

Started in 2000 by then Director Bruce Tarter, the Edward Teller Fellowships were established to recognize a limited number of employees who have made sustained scientific and technical contributions to the Laboratory.

The award provides each recipient the opportunity to pursue self-directed work for the benefit of the Laboratory, the University of California and the Department of Energy. The fellowship designation provides and opportunity for a creative work or study program tailored to the employee's interest and career goals.

"The scientific talent, leadership and accomplishments of John, Doug and Allen truly exemplify the spirit of this award," Director Michael Anastasio said. "These fellowships provide them the opportunity to innovate

See FELLOWSHIPS, page 3

## Demolition of Bldg. 222 creates four acres of space for future science facilities

Demolition of 66,000 gross square feet in the Bldg. 222 complex marks the end of a building and the beginning of a new vision.

Completion of these projects created four acres of space in the Laboratory's core national security area for new facilities. The Facility and Infrastructure Recapitalization Program (FIRP) provided LLNL with the funding and

See BLDG. 222, page 7

## Benefits fair offers chance to consider health plan options

Next month is the beginning of open enrollment, the time of year when employees can make decisions about UC health benefits for the coming year.

During this period, employees may transfer to a different medical or dental plan or add eligible family members to current plans. Employees also may enroll

See BENEFITS, page 8



JACQUELINE McBride/Newsline

### HOME starts with a bang

Director Michael Anastasio starts the 2004 Run for HOME kicking off the annual campaign for "Helping Others More Effectively" Thursday. The event included appearances by UC President Robert Dynes, Olympic athlete Kristin Heaston and Olympic swim coach Michael Bottom.

The Defense and Nuclear Technologies (DNT) Directorate sponsored the run and employees wore costumes related to this year's theme: Bring HOME the Gold. DNT awarded individual and team costumes.

See page 5 for more photos.

Electronic ordering system rolled out

— Page 2



Laser electro-optics with class

— *Раде 3* 



Are you SAFE? Take the quiz

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### LAB COMMUNITY NEWS

### Weekly Calendar

Technical Meeting Calendar, page 4



Towne Center Books and Altamont Books will present Olympic Gold medalist and soccer legend **Brandi Chastain** to Harvest Park Middle School Amphithe-

ater today from 4-6 p.m. to sign copies of her new book, "It's Not About The Bra," a guide on how to play fair, reach your goals and still have fun. Harvest Park Middle School is located at 4900 Valley Avenue in Pleasanton. Chastain will sign one additional piece of memorablia with each book purchased.

Compensation will hold the last of its employee briefing sessions today from 9:30-11 a.m. in the Bldg. 543 auditorium.



Del Valle FineArts presents violinist Kai Gleusteen and pianist Catherine Ordronneau, performing at the First Presbyterian

Church in Livermore at 8 p.m. today. The duo will perform works of Dvorak, Schumann, Richard Strauss and Joaquin Nin. Tickets are \$15 for adults, \$13 for college students and seniors older than 62, and are free for students through high school. For more information, visit www.delvallefinearts.org, or call 447-2752.



The next deadline for **Academic Plan Requests** is today. The Employee and Organzation Development Department is

continuing to process requests for funding of degree programs on a quarterly basis. Review and approvals are done quarterly, rather than monthly, by the Student Policy Committee. FY05 deadlines for submission of Graduate and Undergraduate Academic Plans are as follows: Feb. 1, May 1, Aug. 1 and Nov. 1. All requests should be sent to the Education Office, L-728.

The B Division/Lawrence Livermore Laboratory Women's Association fall book sale returns today through Friday, 11:30 a.m. to 1:30 p.m., in Bldg. 132, room 1200 (Q- or L-cleared access only). There are several hundred music cassette tapes this time, in addition to the usual selection of fiction and nonfiction. All proceeds are used to buy Christmas gifts for needy children and to fund LLLWA scholarships. Each year the sales help agencies in Alameda, Contra Costa and San Joaquin counties, plus individual families in need. For more information, call Lynn Groves, 2-1684.

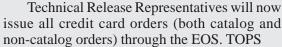


LLESA's Merry Old Holiday Faire will be held today from 11 a.m to 7 p.m. at the Barn, 3131 Pacific Ave., Livermore.

This year's fair will feature more than 55 vendors selling arts and crafts, live entertainment including juggling at noon, ESS children at 4 p.m. and Lab musicians at 6 p.m. Admission is free. No baby strollers. For more information, call 2-9402.

### EOS non-catalog ordering now available

Unicard Migration was rolled out to users on Monday, Oct. 25. TOPS Unicard data for the last three fiscal years was successfully migrated to the Electronic Ordering System (EOS).





Unicard will no longer be accessible for order entry; however, it will still be available for accessing reports.

Contact Procurement and Materiel Customer Support at 3-3448 or pcs@llnl.gov for answers to questions about EOS. For more complete information about Unicard Migration or to see previous articles, go to http://www-r.llnl.gov/pm/lincs/news/.

### November is Native American Heritage Month

November is Native American Indian Heritage Month. LLNL's American Indian Activity Group and the Work Life Program's Office invite employees to celebrate Native American Indian Heritage Month with the following activ-

Nov. 10 — Mary Puthoff, cultural specialist with American Indian Center in Livermore, will speak about local American Indians, show artifacts found in the local area, and discuss community outreach/volunteering opportunities from noon-1p.m. in the Bldg. 361 auditorium

Nov. 16 — "American Indian 101" — Steve

Grey, LLNL/director of Indian Affairs, DOE, will offer an educational presentation on American Indians in the United States today. The presentation will be held from noon to 1 p.m. in Bldg. 481, room 1103 (NIF) auditorium.

Nov. 17 — Native songs, dance and food will be featured at the American Indian Month Celebration from 11:30 a.m. to 1 p.m. at the LLNL picnic area.

More information about each event will be available in the coming weeks. Contact the Work Life Programs Office for any questions or for additional information, 2-9543.

### IN MEMORIAM

### Kenneth Jerome Scribner

Kenneth Jerome Scribner of Livermore died Oct. 18 after a 10-month illness. He was 76.

Born July 22, 1928 in Oakland, the second of four boys, Scribner grew up first in Piedmont and then San Diego. He graduated with a degree in chemical engineering from UC Berkeley and then served in the army, teaching at the Presidio. He started his career with Bechtel Corp. in San Francisco and later worked briefly for Proctor and Gamble, before starting with the Lab in 1958.

Scribner retired in 1991 after a 33-year career as a chemical engineer at the Laboratory.

He was an avid bicyclist, fisherman, traveler, philanthropist, environmentalist, volunteer and nature enthusiast. He volunteered many hours and much of his energy to numerous causes: the Buenas Vidas Youth Ranch and CURA, where he tutored students; the Lindsay Wildlife Museum, where he was a docent; a spokesman for Zero Population Growth. He spent many years as a volunteer on the Population Connection line. His affiliation with the Sons in Retirement

### Donald C. Ecker

Donald C. Ecker, Jr., an LLNL senior scientific associate, died Oct. 14.

Ecker started at the Laboratory in 1983. He was a vital member of the Nevada Test Site staff for more than 35 years, first working for Holmes & Narver, and collaborating over the years with the Department of Energy, REECo, Bechtel Nevada, the laboratories, and other site organizations, where he formed close relationships and accomplished great work.

"His presence and numerous contributions to our Laboratory will be remembered by all — he was a friend and co-worker who will be greatly missed," said Rick Higgs, NTO Resident Manager.

He is survived by his wife, Judy; sons, Ryan and Hunter; and daughter, Brooke, all of Las Vegas.

Services have been held.

branch 121 gave him much pleasure traveling and playing bridge.

He is survived by his wife of 32 years, Doreen Price Scribner; his first wife, Muriel Scribner, and their son, Dan Scribner and wife, Kathryn and their children, Skyler and Jasmine; and his daughter, Julie Scribner and her husband, Randy Brown; two brothers, Doug and Steve Scribner, their spouses and many nieces and nephews; four stepchildren, Kathy, Claudia, Jim and Robert and their spouses; 11 step grandchildren and six step great grandchildren.

A memorial service will be held at 2 p.m. on Wednesday, Nov. 3, at the First Presbyterian Chapel, 4th and K streets, Livermore.

In lieu of flowers, contributions may be made to the Population Connection, World Wildlife Federation, the Union of Concerned Scientists or the National Resources Defense Council.

### Newsline

Newsline is published weekly by the Internal Communications Department, Public Affairs Office, Lawrence Livermore National Laboratory (LLNL), for Laboratory employees and retirees.

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### **FELLOWSHIPS**

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new technical directions for themselves and the Laboratory."

Lindl will divide his award over a two-year period to pursue institutional and national interests in achieving ignition at the National Ignition Facility by 2010. Lindl specifically received the award for his accomplishments and leadership in fusion energy research.

"This will free up time to do innovative thinking and the foundational physics research necessary to meet the ignition objectives," Lindl said. "T've been in

management for more than 20 years and I am really looking forward to having more time to be personally involved in pursuing the research and using the new modeling tools rather than just kibitzing with others".

Wright will divide his award over three years to pursue his interests and consolidate his position as an emerging scientific leader in high energy physics within and outside the Laboratory. He plans to search the existing data sets from the Stanford collider for deviations from conventional particle theory, to get involved with the Large Hadron Collider experiments, a huge international effort that could revolutionize our understanding of particle physics, and pursue some avant-garde ideas for leveraging LLNL capabilities into new scientific areas.

"It allows me to do some physics research and not just talk about it," Wright said.

For Allen Christian, his fellowship will be divided over two years and enable him to move some of the biotechnology he's helped develop into the clinical arena.

He was recognized for his innovative scientific contributions and technical leadership in the development of the instrumented cell and the siHybrid gene silencing technique. In the instrumented cell project, scientists can grow cells in individual containers, containing one or more cells, study how the cells react to different changes and make computer models to predict the results. SiHybrids, which consist of one piece of RNA and one piece of DNA, have proven clinically effective to silence bacterial genes, shutting down the spread of infection.

"My goal is to make all this focused work as clinically relevant as possible," Christian said. Working with the UC Davis Medical Center and the California Department of Health, "this fellowship will help me take the program to the places it needs to be. The first step is to continue to learn the mechanism by which the siHybrids



JACQUELINE McBride/Newsline

From left, Doug Wright of the Physics and Advanced Technologies Directorate, Director Michael Anastasio, John Lindl of PAT and Allen Christian of the Biology and Biotechnology Research Program discuss the 2005 Teller fellowships that were handed out to Wright, Lindl and Christian.

work, and then to work on ways to make them function in a clinical setting."

#### John Lindl

Lindl, Fusion Energy Program leader in the PAT directorate and the chief scientist for the Inertial Confinement Fusion Ignition Program at NIF, is a recognized leader in fusion energy and the physics of inertial fusion targets.

Upon joining the Laboratory in 1972 as a physicist in A Division's X-group, he concentrated on fluid instabilities and high gain ICF targets. In 1978, he became leader of the Laser Target Design Group, an associate division leader for the Laser Target Design Group in X Division in 1981 and X-Division leader from 1984-1990. From there, Lindl assumed responsibility for all of the ICF target physics program including the Nova Laser work and development of the advanced concepts that led to NIF. Lindl became ICF scientific director in 1994.

Lindl's work in ICF has spanned a wide range of topics including high gain target designs for lasers and particle beams, hydrodynamic instabilities in ICF, implosion symmetry and hohlraum design, high energy electron production and plasma evolution in hohlraums and the physics of compression and ignition.

Lindl's book "Inertial Confinement Fusion" has become a widely used reference for the science of inertial fusion.

In 2000, Lindl became the first leader of the Laboratory's integrated Magnetic and Inertial Fusion Energy Program.

#### Doug Wright

Wright, a group leader for High Energy Physics in N Division who also led the "BaBar" group at LLNL

from 1997-2003, has been instrumental in collaborating with the Stanford Linear Accelerator Center (SLAC) in resolving a long-standing mystery of particle physics.

The B Factory experiment at SLAC studies the decay of subatomic B mesons, a heavy and rare form of nuclear matter. The LLNL group and their BaBar collaborators discovered an asymmetry in the time distribution of the decay of B and anti-B mesons, which resolved a 40-year old puzzle concerning the theory of quark interactions. Further precision measurements may turn up evidence for new physics not predicted by current theory.

Wright has been working with the BaBar collaboration of more than 500 physicists at 72 institutions in nine coun-

tries since 1993.

Wright's participation in MINOS — a long baseline experiment to search for neutrino oscillations — resulted in the development of a 5,400 metric ton detector system, which has recently been constructed in a former iron mine, half a mile underground in northern Minnesota.

The neutrino source, produced by the Fermi Lab main injector accelerator, will be ready early next year.

Wright also leads efforts to apply high-energy physics techniques to solve national security needs in stockpile stewardship and homeland security.

#### Allen Christian

Christian, deputy division leader for the Biodefense Division in BBRP, has established himself as a leader in cancer research, bioengineering and forensic analysis.

After earning his Ph.D. in radiation biology, focusing on molecular cytogenetics and computer image analysis, Christian was hired at the Laboratory in 1998 as a postdoctoral fellow in BBRP. In 2000, he joined BBRP as a staff scientist and has held several leadership positions with BBRP as well as leading large biodetection projects in the Chemical Biological National Security Program (CBNP).

Christian's innovations have earned three R&D 100 awards for some of his diverse research. The 2001 award was for his work on gene recovery micro-dissection, which has led to the ability to create DNA libraries from samples. His second award in 2002 recognized his work on the development of in-situ rolling circle amplification, which allows detection of single DNA-based damage in cells. His third award in 2004 was for his work in gene silencing, opening a new path for cancer and infectious disease therapies.

### Lab benefits from Las Positas laser technician program

#### By Leslie Schwartz

NEWSLINE STAFF WRITER

Long gone are the days of college for most employees, but two Lab physicists are still sharing the classroom experience. Chris Ebbers and Bill Molander of Laser Science and Technology currently work as instructors for the Las Positas College Laser Electro-Optic Technician (LEOT) program taught at the UC Davis Department of Applied Science.

The LEOT program prepares entry-level laser technicians who often go on to seek employment at the Lab or in the private industry after completion. Initially set up to accommodate the severe shortage of laser technicians at the Lab, the LEOT program has trained more than 120 students, with about 40 entering the Lab workforce after course completion.

"One tangible benefit of teaching is seeing our students come to work here and staying in touch with those who have been hired elsewhere," Molander said. "Although the shortage is not as great as in the past, there is still a need for laser technicians at the Lab and in the private sector.'

"It's really rewarding to run into former students who now work at the Lab," Ebbers said.

Molander teaches two beginning courses in the LEOT program that cover a general overview of lasers and the fundamentals of optics. Ebbers instructs two advanced classes that move this theoretical knowledge into the practical realm with hands-on experience in laser technology. Students interested in the two-year degree can enroll in a final laser class at Las Positas, Engineering 15, taught by Lab employees, Andy Bayramian and Herb Friedman

A variety of individuals enroll in LEOT classes, from skilled technicians to working adults who deal with lasers to those who have little to no technical experience and are interested in the subject. Las Positas currently offers both a LEOT certification program as well as an associates degree in laser technology.

"It's been really interesting learning how to interact and present material to people with less science and mathematical background," Molander said.

Las Positas is one of the few laser technician training programs nationwide, and the combined classroom knowledge and practical experience of training at the Lab makes the LEOT program a unique opportunity.

"The program has greatly benefited from the support of the National Ignition Facility and the University Relations Program," Ebbers said. "The collaboration between Las Positas and the Lab is just one more example of the strong community ties the Lab cultivates."

Both Ebbers and Molander said the program is a positive way they can contribute to the community by educating and training potential Lab employees in an area they are highly skilled in and enjoy.

"I want to give back to my community," Ebbers said. "There is a large concentration of technical skills at the Lab that spill over into the community."

If you are interested in the LEOT program or would like more information, contact Ebbers, 3-9465, or Molander, 3-9637.

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### News you can use

#### **TARTER**

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to ensure national security and apply science and technology to the important problems of our time. A driving force in the Lab's transition to a post-Cold War nuclear weapons world, (Tarter) helped transform the nuclear weapons program from a 'design, test and build' approach to a science-based Stockpile Stewardship effort focused on assessment, safety, reliability, and performance of the Lab's designed warheads."

Tarter "also initiated impressive programs in the areas of nonproliferation and counter-terrorism and in energy, environment and bioscience."

Other recipients of the Gold Award include: Hermann Grunder, director of Argonne National Laboratory and former director of Thomas Jefferson National Accelerator Facility; William Madia, former director of Pacific Northwest National Laboratory (PNNL) and Oak Ridge National Laboratory;

John Marburger, former director, Brookhaven National Laboratory; Lura Powell, former director, PNNL; Richard Truly, director, National Renewable Energy Laboratory; and Michael Witherell, director, Fermi National Accelerator Laboratory.

"I'm proud to recognize the people whose hard work and dedication contribute so much to the Department of Energy's vital missions," Abraham said. "Our world-class laboratories are a marvelous resource and have made far-reaching contributions — not only to the Department of Energy, but to our nation and indeed the world. The incredible work done in the laboratories is made possible by the strong, steady and responsible leadership of these directors."

"Dr. Tarter and Dr. Shank have demonstrated exceptional leadership in guiding their respective laboratories," said University of California President Robert Dynes. UC manages LLNL and LBNL for DOE. "Both were strong and imaginative managers, and it is through their vision and guidance that their laboratories remain among the crown jewels

of science and technology."

Tarter stepped down as director in June 2002 and retired from the Lab earlier this year. He continues to work on various Laboratory projects, including the history project. He also is representing the Laboratory on a National Academy of Sciences study entitled: "Effects of Nuclear Earth-Penetrator and Other Weapons."

Following the Gold Awards ceremony, Tarter was the moderator at a symposium, "Edward Teller: Science and National Security," also held Monday at the Woodrow Wilson International Center. An examination of Teller's legacy on the scientific community, Tarter served as moderator of a special panel discussion that included Director Emeritus John Foster, Lowell Wood and Steve Libby, both of LLNL; Frederick Seitz; president emeritus of Rockefeller University and Hans Mark, of the University of Texas.

After presenting the Gold Awards, Abraham also spoke at the Teller symposium. Abraham presented Teller with a Gold Award in 2002.

### Technical Meeting Calendar

Friday 29

### INSTITUTE FOR GEOPHYSICS AND PLANETARY PHYSICS

"High-Redshift Galaxies and the Epoch of Reionization," by Daniel Stern, Caltech. Noon,

Bldg. 319, room 205. All attendees need to be badged. Contact: Wil van Breugel, 2-7195, or Rachael Mills, 2-6333.

#### CHEMISTRY & MATERIALS SCIENCE/MATE-RIALS SCIENCE & TECHNOLOGY DIVISION

"Monte Carlo Simulations of KDP Crystal Growth," by Luis A. Zepeda-Ruiz, Materials Science & Technology Division. 3:30 p.m., Bldg. 235, Gold Room. Coffee and cookies will be served at 3:20 p.m. Contact: Tom Felter, 2-8012, or Rebecca Browning, 2-5500.

### INSTITUTE FOR SCIENTIFIC COMPUTING RESEARCH

"Performance Technology for Productive, High-End Parallel Computing," by Allen Malony, University of Oregon. 11 a.m., Bldg. 451, room 1025 (property protection area). Contact: John May, (CASC) 3-8102, or Leslie Bills. 3-8927.

#### H DIVISION SEMINAR

"Shadow Wave Function for the Study of Ground State Properties and Vacancies in Para-H\_2," by Francesco Pederiva, University of Trento. 10 a.m., Trailer 2128, room 1000. Contact: Mal Kalos, 4-3079, Giulia Galli, 3-4223, or Julie Burnsides, 3-1277.



# CHEMICAL BIOLOGY & NUCLEAR SCIENCE/BIOSECURITY & NANOSCIENCES LABORATORY

"Latest Updates on Biological Aerosol Mass Spectrometry, " by Keith Coffee, chemist, Aerosol Sciences Group, LLNL. 2 p.m., Bldg. 151, room 1209. Foreign nationals may attend if approved plan is on file, which includes Bldg. 151. Contact: Jim De Yoreo, 3-4240, or Katie Thomas, 2-7903:



#### CHEMISTRY & MATERIALS SCI-ENCE DIRECTORATE/FRONTIERS IN CHEMISTRY & MATERIALS SCIENCE

"Imaging and Kinetics of Surface Reactions: Fundamental Phenome-

na with Applications to Important Problems," by John Hemminger, Alfred P. Sloan fellow, fellow of the American Physical Society, fellow of the American Vacuum Society, fellow of the American Association for the Advancement of Science, Department of Chemistry, UC Irvine. 3:30 p.m., Bldg. 155 auditorium. Coffee and cookies will be served at 3:15 p.m. Foreign nationals may attend if approved security plan is on file, which includes Bldg. 155. Contact: Michael Fluss, 3-6665, or Julie Sedillo, 3-3506.

### LC CUSTOMERS MONTHLY MEETING

9:30 - 11 a.m., Bldg. B111, Poseidon Room (Q-cleared area). Contact: Jean Shuler 3-1909



# CHEMICAL BIOLOGY & NUCLEAR SCIENCE DIVISION/CHEMISTRY & MATERIALS SCIENCE DIRECTORATE

"Targeting Bacterial Transglycosylase: Synthesis and Manipulation of Inhibitors Derived from Vancomycin and Moenomycin A," by applicant John LaTour, Princeton University. 2 p.m., Bldg. 151, room 1209. Foreign nationals may attend if appropriate security plan is on file, which includes Bldg. 151. Contact: Theodore Tarasow, 3-7241, or Eryn Davis, 2-0475.

### ENGINEERING/DEFENSE SCIENCE ENGINEERING DIVISION

"A Little Ballistics Goes a Long Way," by Don Miller, LLNL retiree. Noon, Bldg. 361, room 1140 (auditorium). Contact: Steven Hunter, 3-2219.



### LLNL/UC DAVIS

A joint LLNL/UC Davis workshop covering issues of homeland security will be held from 10 a.m.-6 p.m., at the University Club at UC Davis. The keynote speaker will be Michael Carter of LLNL's Nonproliferation, Arms Control and International Security Directorate, who is currently on special assignment in the Department of Homeland Security in Washington D.C. Register on the Web at http://ucdlectures.llnl.gov by Tuesday, Nov. 2. Registration is free. For more information, contact Harry Radousky, 2-4478, or Brenda Foster, 3-8257.

### INSTITUTE FOR SCIENTIFIC COMPUTING RESEARCH

"Modeling Multiphase Flow in Porous and Fractured Media," by Izaskun Garrido, University of Bergen. 10 a.m., Bldg. 451, room 1025 (property protection area). For more information, go to http://www.llnl.gov/casc/calendar.shtml.

Contact: Rob Falgout, (CASC) 2-4377, or Leslie Bills, 3-8927.

### BIOLOGY & BIOTECHNOLOGY RESEARCH PROGRAM

"LLNL Microarray Center (Lab-MAC)," by Ted Rigl, Chitra Manohar and David Nelson, BBRP. 10:30 a.m., Bldg. 361 auditorium. Refreshments will be served 10 minutes prior to the seminar. Contact: Alice Yamada, 2-4723, or Nancy Wrigley, 3-6287.



### INSTITUTE FOR GEOPHYSICS & PLANETARY PHYSICS

"Scaling Relations and the Evolution Cluster Early-type Galaxies," by Bradford Holden, UCO/Lick Obser-

vatories. Noon, Bldg. 319, room 205. All attendees need to be badged. Contact: Wil van Breugel, 2-7195, or Rachael Mills, 2-6333.

### The deadline for the next Technical Meeting Calendar is noon, Wednesday.

Send your input to tmc-submit@llnl.gov. For information on electronic mail or the newsgroup llnl.meeting, contact the registrar at registrar@llnl.gov. Friday, October 29, 2004 Newsline 5

### Heading for HOME



Special Olympics athlete Jennifer Mello crowns HOME winning women runners Beth Vitalis (left) and Tara Carreira.

Photos by Jacqueline McBride Newsline



Above: The Witches of Radioactive and Hazardous Waste Management were awarded best multi-person costume.

Left: Director Michael Anastasio addresses Run for HOME participants before the start of the race. Behind him left to right are Olympic shot put contestant Kristin Heaston, Olympic and UC swim coach Michael Bottom, DNT Associate Director Bruce Goodwin and UC President Robert Dynes.





### **CLASSIFIED ADS**

### See complete classified ad listings at https://www-ais.llnl.gov/newsline/ads/

#### **A**UTOMOBILES

1991 - Mazda MPV, 125K mi, 6 cyl, all power options, nice shape, well maintained, original owner - \$2800.00 415-543-3643

1939 - Ford coupe street rod. SBC/turbo 400, FDB, Halibrand, 4-link. Strong runner! \$20K 925-606-8763

1994 - BMW 740i, Excellent Cond.,Dark Green, New Tires, Chrome Wheels, Premium Sound System, 6-CD Changer, \$6,999 925-447-3440

1998 - JEEP Wrangler- Great Condition, 46K low miles, 2.5L 4cyl 5spd, hard & Bikini top, custom wheels, bumpers/sidestep, MUCH more CD/stereo \$9875/BO 925-447-6085

2000 - Chevy S10 Xtreme Stepside, extended cab, air, tinted window, security system, CD Am-Fm and more. Asking \$13,000 obo 209-815-6061

1973 - VW Bug, good interior (except seats) and runs well. For sale now because I need space in the garage. An excellent buy for \$900. 925-426-2316

1996 - Miata MX-5 convertable Brilliant Black. Good condition, 5 spd, air cond, cruise, cd. \$5,200 OBO 92,000+miles, Yokahama tire with Konig rims 510-687-9495

1994 - Jeep Wrangler - Sahara look, 6 cyl, 5-spd, 71K miles, chrome & stainless bumpers & hardware, exc cond. \$8500 925-443-6014

2002 - VW Passat, 1.8L Turbo, auto-all, 34k miles, 32 mpg-H, \$1,800 in extras, Custom chrome wheels, full warr to 2006, \$16,850 all maint. docs & manuals 209-832-2056

1984 - Oldsmobile, Cutless Supreme, 72,000 miles, one owner car, AC, PS, PB, \$1,000, 209-835-8791

1998 - GMC Jimmy 83k 2/wheel dr leather int excellent condition 7k or best offer 925-513-3538

1999 - Staurn 3dr SC2. P/S, P/B, P/W, Sunroof, leather, CC, prem. wheels, 110k miles. Runs great. \$5,000 o.b.o. 209-599-8523

1997 - Black BMW 740 iL, 5300 miles. Runs great! Leather, Very clean and ultimate comfort. \$18,500 cell-925-285-8742 925-447-7088

1987 - Dodge Caravan V6 3.0l. Wellmaintained, orig owner. Runs well. Body good. Below KBB invoice \$700/BO. 925-455-8895

1996 - Saab 900 SE Turbo,Blk,5spd,AC,pwr everything,sun roof,6-disc CD,lthr, heated seats, Thule rack, major overhaul, great condition 98K miles,\$8K obo. 925-249-1640

2000 - Audi A4 Avant quattro 2.8L V6, blue, convenience package, side curtain airbags, new tires, just serviced, excellent condition, 31500mi, \$18500 925-443-8112

1996 - Ford Explorer 4x4, 1st yr. V-8. 1 owner, well maintained, 109,000 mi. \$5800. 925-443-1387

### AUTOMOBILE ACCESSORIES

15-inch steel Honda rim with P195/60 R15 tire. Good spare. \$50 925-447-0678

### BICYCLES

New 21-speed off-road bike. Front/rear shock suspension. Front disc brake. Lock and helmet included. \$165obo. 925-855-1314

### BOATS

35 HP electric start outboard Evinrude. \$300 OBO Call 516-2570 eve. Includes gas can. 925-766-8233

90 650SX Kawasaki stand up Jet Ski.MANY mods.super clean.current tags.no trlr.picts on request.\$1000 firm. 707-315-2118

### CAMERAS

Canon EOS 750 QD w/35-80mm EF power zoom, \$100; Canon EOS Rebel Sii w/28-80mm AF, \$125. 925-757-6896

#### **ELECTRONIC EQUIPMENT**

633MHz PC in exc. cond. (WinME, speakers,keyboard,mouse,USB front&back,ethernet,CD/DVD,front gameport,modem,etc.) \$80. 15in.clr monitor \$40. 925-516-2570

2002 Netgear Cable/DSL Router Gateway RP614. 4-port 10/100 Ethernet switch, plus 1-port Ethernet connection to Cable/DSL modem. \$5.925-200-0376.

Lexmark Z32 Color Jetprinter- \$40 Compatible with Windows and Macintosh systems. Includes unused black and color cartridge. 925-443-7055

#### **GIVEAWAY**

Wanted, your used or unused scrap lumber. Will pick up at your convenience. 925-245-1414

Caloric wall oven 23in. W x38in. H x23in. D mid-1950s model. Needs new heat sensor for thermostat. 925-455-5874

Pine Fire Wood, drying for 2 years, needs to be split, you haul. 925-625-4060

1964 18 c.f. refrigerator w/bottom pullout freezer. Still works good, just too big for my garage. You pick up 209-577-1787

Large violet Christmas cactus, 30 inch diameter, 16 inches tall. 925-443-2245

#### HOUSEHOLD

oak desk, antique, large, refrinished natural,\$150 925-443-9179

sears 80 series clothes washing machine,three years old, excellent condition,\$65 925-443-9179

4 Breuner chairs with arm rest, like new \$60 for set of 4. 415-543-3643

Dining Room table (seats 6) - Smoke black glass table with 4 matching black lacquer padded chairs \$275 OBO, like new (new \$600) 925-766-8233

DOUBLE stroller. Baby Trend Sit-N-Stand LX IV Plus. Reconfigurable, collapsible, clean, and in good condition. \$75. 925-454-8827

Solid oak rolltop desk. Excellent condition. \$300 obo. 209-834-0808

Kids Race Car Bed, Twin Size With Molded In Headboard And Toy Box. Little Tykes Brand. Red With Chrome Wheels. Like New \$200 925-754-6390

Multi Family Garage Sale - Saturday 10/30 8am, 797 El Caminito. Dressers, Coffee Tables, Entertainment Center, Kitchen Items & Much More! 925-922-

Full size bed, matress, box spring and frame,\$65 925-443-9179

California king sealy posturepedic mattress new condition, never used, still in the original plastic packaging. \$700 obo 925-447-0430

Nice bookcase, 72x32x13, 3 shelves on top, bottom shelf with enclosed cupboard doors, medium brown, traditional \$80 925-449-1823

Leather Couch, hunter green, great shape, \$400. 925-454-0330

BARSTOOLS-3 new (still in box). Solid beech frame-mahogany finish. Black upholstered padded seats. 25 in. seat height. Have photo. \$250 all 3. 209-480, 2486.

Color 21 inch TV w/remote and matching black shelved wood TV stand. All in excellent condition. Stand alone was \$100. \$150/both. 925-648-0671

5peice Bedroom Set -older,good condition, well made, solid darker wood. Headboard, two night stands, drawer dresser w/mirror,drawer chest \$800. obo 925-454-0510

Wine cellar, 140 bottles, window in door, low heat lighting, Breezaire cooling unit. \$600. 925-447-3091

Kero-Sun, Kerosene portable heaters. removable tank style. excellent condition. \$25 each. 209-743-0964

GE Profile gas dryer. Almost new - used only a few months. White. \$175 OBO

925-443-8580

Beautiful Glass Top Dining Table set w/4 White Cloth chairs. Excellent Condition, only used 6 times. Chair covers removable to match your own decor. 209-599-5915

Dishwasher, under-the-counter, works well, \$50. Washer/dryer, needs work, \$25 each. 209-832-1417

Oak entertainment Center. \$50.00 925-606-1637

Dutalier glider with ottoman. Blue and white checked fabric. Glider has pockets on each side. All cushions can be removed for cleaning. \$99 OBO. 925-454-3239

Beautiful Olive Green Eastern King szie Rod Iron Canopy Bed Frame only for \$100.00 925-321-2753

150 (approx.) Glass Champaign Flutes, 150 Tea Light holders, Great for party or wedding, \$0.40 each... 925-449-8429

Queen size maple headboard \$30 obo, 3 piece livingroom table set, octagon, square and oblong \$100 obo. 209-835-7084

Oak/Glass China Hutch \$500; Mission Oak/Glass Curio \$350; Blue/Cream LaZboy Queen Sleeper \$150; Bar Stools \$75/pr-\$25/pr. Moving! 925-634-8223 925-634-8223

Select Comfort adjustable air bed. Twin size Elite model. Only used as guest bed.\$150. 925-820-8158

Love seat w/ twin recliners, approx. 60-in wide, good shape, no damages, blue fabric, \$90 209-832-2056

TV combo 13 in., \$75/BO; double bed/frame, \$100/BO; Maytag washer, \$100/BO; dog igloo for med. size dog, \$20/BO 209-839-0872

Electric stoves 30 in. apartment size, good condition \$10; 36 in. w/glass burner top, never used, stored 15 yrs \$20. Pick up in San Leandro 510-538-1121

#### Lost & Found

Prescription glasses found in B-211 on top o downstairs mailboxes. Silver rim/frame. During recarpeting/construction. 510-207-2097

FOUND: Glasses in Kaiser Permanente case. D2 parking lot near T4161. Call 2-3484

Bolle Sunglasses, Found near NIF site. Call @ 2-7343 to claim. 925-455-1730

#### MISCELLANEOUS

White tubular metal sofabed frame. You add the futon. Make reasonable offer. 925-766-8233

Cal vs AZ St. tickets. Sat. 30 Oct. 7pm. Easily acessible from BART. Section II reserved seating. \$54 OBO (face value \$54), 937-344-0358

area rug, beige with green oak leaves, 10x20, \$100 925-443-9179

\$.25 Candy Vending Machines/New and Used 925-757-2166

MULTI-FAMILY/GARAGE SALE! Saturday 10/30 at 8AM-2PM(NO EARLY BIRDS) 4230 Stanford Way/Livermore/Furniture/Piano/Clothes/Gardening/electronics/MORE! 925-447-5052

Treadmill\$175, Weight training workout station \$125, Bike racks \$75, Oak bunk bed-frame only \$50.Call after 6 p.m 925-443-4848

DVD/CD Emerson audio/video system w/remote control & two 2-way speakers. Brand new, never opened. Paid \$130. Great Christmas gift. \$90. 925-648-0671

Snow Boarding Boots, Top of the line, 2 pairs, sizes 13 & 15. Child has outgrown. Used 3 times, like new condition. \$25 each. 209-743-0964

3 Pc. Oak/Leaded Glass Wall Ent. Center, 106Wx77Hx24D. Fits upto 32î TV, 2 lighted curios. Has 6 bottom & 6 top doors \$750 Moving! 925-634-8223

Beautiful, handmade girls costumes, sizes 5/6 through 13/14. Great for Halloween or dress-up. Call eves or leave message at 925-455-1719

#### **MOTORCYCLES**

1999 - Harley Davidson sportster. 1200cc conversion. Fat tank, custom exhaust, lowered. Very nice. \$6,000 925-606-8763

#### **MUSIC INSTRUMENTS**

Suzuki violin, 1/4 size, Wolf violin headrest (1/2 size), all like new. Make offer 415-543-3643

Baby Grand Piano - Beautiful black Young Chang \$3,500 OBO, good condition (new \$8,600) 925-766-8233

Piano, circa 1910, good condition, nice sound. \$300. You haul away. 925-838-7864

#### PETS & SUPPLIES

Rescued rabbits looking for someone to love. Single neutered male and a pair of spayed females available for adoption to an indoor home. 925-447-2130

#### RECREATION EQUIPMENT

1980 Toyota Dolphin Motorhome. 60k original miles. Smog OK. Used for camping. \$1500.00 209-983-8886

SF 49ers tickets for sale! Dec 26 against Buffalo Bills. \$128 for 2 (face value). UR Sec 25, Row9, Seats 11&12. Great Christmas present! 925-455-4702

Minnie Winne 22 ftMotorhome class C good condition. All appliances work including all HVAC. Motor runs good.No Leaks. Priced to sell \$3000. 209-743-0964

Pool table, regulation size, slate; excellent condition, w/ accessories; \$200 925-455-5863

Proform 485e elliptical trainer. Low impact whole body workout. Sturdy construction, digital readout, adjustable resistance. Excellent Cond. \$250/BO 925-634-9973

Cal Bears football tickets (2), Ariz. St., 10-30-04, 7:00 pm, sec II, row 28, seats 1 & 2, \$30 face value. 925-292-0348

#### RIDESHARING

Express your commute, call 2-RIDE for more information or visit http://www-r.llnl.gov/tsmp.

Pleasant Hill/Walnut Creek - Seats available on luxury van; \$100-120 depending on ridership; 7:35AM-4:30PM. 925-947-6969, ext. 2-4206

Martinez - Looking to add another rider/driver to a car pool leaving Martinez. Leaving town 6:45 and leaving the lab 4:30. Will consider Pleasant Hill riders. 925-228-3759, ext. 3-7857

Lafayette - LaMOrinda Vanpool (also WALNUT CREEK stop at Rudgear Rd): reclining seats, reading lights, 7:45-4:45, \$105/mo (pretax reduction available) 925-943-6701, ext. 2-3005

El Cerrito - Berkeley Vanpool has openings for full time or casual riders. M-F 7:45 am to 4:30 pm work schedule. 510-524-5769, ext. 3-7995

San Jose/Fremont - 14 passenger van needs riders. Leaves San Jose/Berryessa 6:40; leaves Fremont/Mission 7:00; arrives LLNL 7:30; leaves LLNL 4:30. Very reliable. 408-238-1909, ext. 3-3057

#### SERVICES

Transfer your VHS and camcorder tapes to DVD. Protect those special events from fading away. \$39.95 for basic package. 209-983-8886

PC troubleshooting/repair, upgrades, virus/worm removal, disaster recovery, home networking, custom builds, training and more. Reasonable rates. 209-327-0012

#### SHARED HOUSING

Livermore - furnished room for rent. Clean/quiet. No pets/no smoking.

Deposit. Share utilities. \$550.00/month. 925-449-1128

Livermore - Room for rent with garage. No pets, nice location. \$600 down, \$625 mo + utilities. Matt 510-772-9282

Mountain House - brand new construction, room, full bath, small kitchen, separate entrance and mailbox, no laundry, 600.00/month 209-830-7130

Livermore - - \$500/mo., utilities included, room for rent, female only, non-smoker, 5 miles to lab. 925-443-0218

#### TRUCKS & TRAILERS

1972 - 3/4 ton Chevy camper special with alum. shell. Auto trans. \$1500 925-606-6490

2001 - GMC Sierra Stepside- Great Condition, 24K low miles, 4.3L V6 auto, AC, tow pkg, tinted windows, CD/stereo. \$13,450/BO 925-447-

2001 - Chevy Silverado truck in great shape with 55K miles. Pewter color, with Bedliner, CD player automatic, all maintenance records. 12,000 o.b.o. 209-833-3758

1990 - Toyota Pickup, V6, extended cab, bed liner, auto, 2wd. Runs and looks great, 40k on new top end, 150k total miles. \$3700/obo. 209-740-7138

1984 chevy stepside 4x4. good shape, no rust, no dents, 350, 4bbl, auto, runs good.\$3500 O.B.O. 925-960-9281

Camper Shell (Leer) fits standard Chevy PU with carpet kit. White in good condition. \$200 firm. 209-743-0964

209-823-8237 1991 - FORD F150, 185k, 5.0 L, 4 speed auto, good condition, \$2350,

925-455-8487

Water tight roof, new electrical subpanel. Needs TLC. \$2000.00 obo.

1975 - 23ft prowler travel trailer.

### VACATION RENTALS

Tahoe cabin for rent 2 blocks from Heavenly. Sleeps approx 8 adults. \$375/wk, \$175/wknd. 925-240-1615

Cozy mountain cabin near Arnold. 4 bedr, 2 bath, fully equipped kitchen, great wood burning stove. Plan ahead for snow and fun. Sleeps 10-12 925-245-1114

Soooo cute beach cottage in Santa Cruz. 2 bedr, 2 bath, spa, fully equipped kitchen. 4 blks. from ocean. Near harbor. 925-245-1114

Truckee - Tahoe Donner - ski cabin group has openings. \$625 per person, unlimited access. Thanksgiving - April 30. Call for additional information 925-447-0596

Maui, HI - Kahana Reef oceanfront 1BR/1BA condominium. Beautiful two-island view, oceanside pool, and BBQs. LLNL rates for year-round reservations. 925-449-0761

SOUTH LAKE TAHOE - 3Bedroom 2 Bath Chalet, comfortably furnished, all amenities, RESERVE NOW FOR HOLIDAYS/SKIING! 209-599-4644

### WANTED

Wanted - Used ladies Mountain bike, Diamond Back type or similar, will pay reasonable price. 415-543-3643

We need moving boxes (free) 925-606-0234

Wanted, 8 ft. step ladder. Will pay reasonable price. 925-245-1414

Commuter looking to rent a studio apartment or cottage in the Livermore area. Please call after 6:30 p.m. 209-

Needed: Washing machine and/or refrigerator in good working condition. 925-243-9237

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### **BLDG. 222**

Continued from page 1

program goals to accomplish this major milestone on budget, with no lost work time, and an excellent safety record.

"The successful completion of this project required the kind of multi-disciplinary effort that is

Laboratory," said
Denise Robinson, LLNL's
Institutional
Facilities manager. "On the historic accomplishments of the
past we are
building the
Lab's future."

The Laboratory Institutional Facilities Management and Space Action Team (SAT) cordially invite employees to the Bldg. 222 end-of-life-cycle ceremony at 2 p.m. Tuesday, Nov. 2, south side of Bldg. 222 lot on First Street.

FIRP is a

National Nuclear Security Administration (NNSA) program to revitalize or replace aging facilities at the national weapons labs.

Highlights include cost effectively demolishing the complex with an outstanding safety record. The cost to demolish was benchmarked as equal to industry's "best in class" for contaminated facilities.

Additionally, removal of the complex eliminated more than \$13 million of deferred maintenance, nearly \$1 million in annual surveillance and maintenance, and \$3 million in compliance upgrades.

Originally referred to as Bldg. 101, the Bldg. 222 complex was LLNL's earliest experimental chemistry laboratory facility and home of outstanding achievements during its more than 50-year life cycle. In its early years, in addition to an analytical chemistry foundation for the weapons program, research to find peaceful civilian uses for nuclear technology was performed under Project Plowshare, a program inspired by Eisenhower's 1953 "Atoms for Peace" speech.

The complex later became the site for high-explosives research and development. Other incarnations included groundbreaking experiments using gas-mass and triple-quad mass spectrometers, discovering aerogels and oil-shale crack patterns, and the beginning of the Chemistry & Materials Science (CMS) Environmental Services (CES) laboratory.

"Unfortunately," Robinson said. "The age of the complex, the pace of the new technology, and environmental stewardship requirements rendered the old brick and mortar obsolete and too expensive to maintain. After consulting with the California State Historic Preservation Officer, the decision was made to demolish the building."

While future disposition of the space is being determined, the area will be landscaped to serve as an open space park area for employees.

In the mid-1990s, CMS created the Space Action Team (SAT) to safely manage the migration and consolidation of Bldg. 222 occupants into new modern laboratories, primarily in Bldgs. 132 and 235. Subsequently, SAT, under the sponsorship of the Institutional Facilities Management office, deactivated, decontaminated and demolished the Bldg. 222 complex. The complex began and ended in three stages-it was built between 1952-54 and demolished between 2002-04.

The long life of this facility with numerous programs utilizing a variety of materials made this a difficult and challenging project. Therefore, considering the complexity of the project the safety record and cost were incredible achievements.

The Bldg. 222 complex became the Laboratory's first major decontamination and demolition (D&D) project since DOE/NNSA created FIRP. LLNL's execution of the FIRP demolition program has received praise and support from NNSA, headquarters and the Laboratory Site Office, Robinson said.

### Bldg. 222 spawned culture of team science

By Don Johnston

NEWSLINE STAFF WRITER

Many careers were launched and research programs spawned in the first science facility built at the Laboratory, "Building 101."

Built between 1952-54 for the chemistry department, the complex of labs and the adjacent physics and engineering facilities became the nerve center of Livermore,s weapons program. As research programs and facilities proliferated in the 1970s, the chemistry building was renumbered Bldg. 222.

Chemist John Kury, who started at the Lab in 1953, was among the first researchers to move into the new building. "It was state-of-theart with well-designed laboratories with all modern equipment," he recalls, noting the contrast with the

facilities graduate students were accustomed to at school.

Kury, who received his Ph.D. from UC Berkeley, worked in the inorganic chemistry group on boron hydrides and materials for use in thermonuclear weapons.

Work in Bldg. 222's labs was the chemistry scientific epicenter of the Laboratory and Kury remembers a pioneering sense of camaraderie. "We all knew everything that was going on and we were like a big team."

Chemists, physicists and engineers from different groups in the weapons program worked in adjacent facilities. "If I had a problem I was working on, there were always two or three people around to consult," Kury said. "It was the embodiment of what Ernest Lawrence had done earlier putting together multidisciplinary teams. We were all working together. A lot of really good science was done this way."

Norm Bonner, a radiochemist, may well have been Bldg. 222,s first inhabitant. When he first arrived in Livermore in 1953 from Cornell University in New York, Bonner was assigned to an office at the southeast corner of the facility, which was still under construction, to wait for his security clearance. "I remember it was really cold," he said.

Today, however, he has nothing but warm memories of the building that was his home for many years. "Everybody in the labs knew each other. The Laboratory, the test program and the science were all new to us. It was very exciting."

"It was very collegial," he remembers, adding the Lab retained close ties to Berkeley, notably Glenn Seaborg and his group.

Bonner recalls that the "101 complex" was the first at the Lab to house air conditioned labs for keeping equipment and instruments cool. "We managed to ride along for free, which was nice during those hot



Bldg. 222, originally designated Bldg. 101, was the first science lab facility built at the Laboratory. It was built between 1952-54.

summer days.

"We worked hard during long days, but it was fun," Bonner said.

Organic chemist Milt Finger, who came to the Lab in 1957, recalls that working in Bldg. 222 "felt like a family affair."

"There was a sense of community. Exchanges of information were in a very free and open spirit," said Finger, who worked on synthesizing new explosives. "It was very useful and productive."

In the atmosphere that reigned in the late 50s there was little importance attached to hierarchy and background. "You were who you were and what you did," Finger said. "In the community of the Bldg. 222, people appreciated you for your contribution."

Finger also recalls noon hour bridge tournaments in the building. "As you might expect, it was quite competitive."

"At the time the labs in the building had all the latest equipment. The labs were spacious compared to the DoD and university facilities we had seen," he said. "It was quite a revelation to be in a place that cared so much about science and technology."

Computers were just coming into common use and there was a sense of being on the cutting edge.

As the weapons program evolved and new capabilities were developed, groups, such as explosives and metallurgy, began to migrate to new facilities, he said. "So many of those programs began in Bldg. 222, but as they grew and blossomed they moved out to other parts of the Lab."

When he came from UC Berkeley, Finger intended to go back and complete his doctorate. "I really enjoyed working here so much on a lot of interesting projects I never left," he said. "That became my post doc experience. I have no regrets."

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### SECURITY AWARENESS FOR EMPLOYEES

### Test your knowledge: foreign contact reporting requirements

Certain contacts with sensitive country foreign nationals must be reported to the on-site counterintelligence office. At LLNL, that is the Security Awareness For Employees (SAFE) office. Do you know which contacts need to be reported and which ones don't? Test your knowledge by answering these questions. Answers are printed below.

I need to report "substantive" professional, personal, and financial contacts with sensitive country foreign nationals.

True or False?

Ongoing contacts with my family members, who are foreign nationals, must be reported.

True of False?

I do not have to inform SAFE that I have a new financial advisor, who is a foreign national.

True or False?

 The landscaping contractor and the housekeeper I have hired are foreign nationals, although they are not from sensitive countries. I don't have to report these contacts.

True of False?

 Any attempts by anyone to gain unauthorized access to classified or sensitive unclassified information must be reported.

True or False?

**ANSWERS** 

1. True; 2. False; 3. False; 4. True; 5. True

See the SAFE Web page on foreign visits, assignments and contacts, http://www-r.llnl.gov/safe/ requirements.html#report1 for more information. Foreign contacts may be reported online using the Foreign Contact Reporting Form, http://www-r.llnl.gov/safe/ForConRptForm/contact-form.html. For further information, call SAFE, 2-5557.

### **BENEFITS**

Continued from page 1

in or opt out of the UC-sponsored vision and legal plans or change participation in the Tax Savings on Insurance Premiums Program (TIP), Dependent Care Reimbursement Account (DepCare) and/or the Health Care Reimbursement Account (HCRA). All open enrollment changes will be effective Jan. 1, 2005.

Open enrollment begins on Monday, Nov. 1, and ends on Tuesday, Nov. 30. All open enrollment changes will be made online at http://atyourservice.ucop.edu.

### Annual benefits fair takes place Tuesday

The LLNL benefits fair will be held on Tuesday, Nov. 2, from 2-5 p.m. in the Central Cafeteria. There will be representatives in attendance from each of the UC insurance carries as well as representatives from savings and investment programs. For additional information, refer to the Benefits Office Website at http://www.llnl.gov/l lnl/02employment/benefits/benefits.htm

Employees who do not have access to a computer or who need help with making changes can visit the Benefits Office, Bldg. 571, room 1205, from 8 a.m. to 5 p.m. for assistance.

Late this month, UC mailed an open enrollment brochure that summarizes key plan changes, medical plan highlights and other information to help employees make informed decisions. Employees will not receive a personalized open enrollment statement as this information will be available online. UC was successful in holding the line on premium increases for all medical plans this year to the extent possible.

Although it had been anticipated that there would be a premium increase for PacifiCare, these rates were held steady along with those of most other medical plans.

### Joint workshop on homeland security issues

A joint LLNL/UC Davis workshop covering issues of homeland security will be held Thursday, Nov. 4, from 10 a.m. to 6 p.m., at the University Club located on the UC Davis campus. A continental breakfast will be served at 9:30 a.m. This workshop is the culmination of a joint seminar series between LLNL and UC Davis, and will cover important aspects of homeland security, such as biosecurity, crop and food security, cybersecurity and radiation security.

Allen Christian of the Biology and Biotechnology Research Program, Simon Labov of the Radiation Detection Center, Tom Edmunds, chief scientist, Systems & Decision Sciences Section, Q Division, and Marvin Christensen, NAI Computing Applications Division, will serve as panel members, along with UC Davis staff members and others.

Keynote speaker Michael Carter, of LLNL's Nonproliferation, Arms Control and International Security Directorate, who is currently on special assignment in the Department of Homeland Security (DHS) in Washington D.C., will speak about "The Science and Technology Challenges in Homeland Security."

Carter was appointed chief scientist in the Office of Plans, Programs and Budget in the Science and Technology Directorate of DHS in March of 2004. Previously, Carter served as director of the Radiological and Nuclear Countermeasures Portfolio in DHS.

Before starting at DHS, Carter served as a technical adviser to the Homeland Security Transition Planning Office with emphasis on Radiological and

Nuclear Countermeasures. Carter has been involved in research and development activities in support of national security since 1987. Prior to his assignment in Washington, Carter served as associate division leader for Proliferation Detection Systems at the Laboratory

Following the keynote address, there will be two panels with emphasis focused on the following areas: biological/chemical security; radiation/nuclear security; crop and food security; and cybersecurity. There will be afternoon breakout groups for each focus area followed by summation reports from each group.

The plenary session will focus on enhanced collaboration between UC Davis, the Laboratory and other national laboratories, in homeland security and emerging issues.

The University Relations Program is offering transportation to and from UC Davis in a 15-passenger Lab Taxi. Reservations are available strictly on a first-come, first-served basis. Contact Brenda Foster at 3-8257, if interested. The taxi will be leaving from a predetermined LLNL location at 7:30 a.m. and will return when the reception has ended, which will be about 6 p.m.

Register on the Website http://ucd lectures.llnl.gov by Tuesday, Nov. 2. Registration is free. For more information, contact Harry Radousky, 2-4478, or Foster, 3-8257. The event is jointly sponsored by the Office of Research, UC Davis, and the Lab's University Relations Program.



Newsline UC-LLNL PO Box 808, L-797 Livermore, CA 94551-0808